

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|--|------------------|---------|------------------|
| S1 | 763 | (715/531).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/15 13:53 |
| S2 | 2489 | (709/203).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/15 13:53 |
| S3 | 671 | (709/204).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/15 13:53 |
| S4 | 413 | (709/205).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/15 13:53 |
| S5 | 1032 | (709/206).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 14:18 |
| S6 | 48516 | ((e adj mail\$1) or email\$1 or (electronic near (mail\$1 or messag\$3))) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/15 13:55 |
| S7 | 2075 | S6 and (unwanted or unsolicit\$3 or junk or spam\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/16 14:21 |
| S8 | 1777 | S7 and (detect\$3 or locat\$3 or find\$3 or identify\$3 or remov\$3 or catagoriz\$3 or eliminat\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/15 13:57 |
| S9 | 1579 | (detect\$3 or locat\$3 or find\$3 or identify\$3 or remov\$3 or catagoriz\$3 or eliminat\$3) same ((e adj mail\$1) or email\$1 or (electronic adj (mail\$1 or message\$1)) or message\$1) same (unsolicit\$3 or unwanted\$3 or spam\$4 or junk or bad) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/15 13:59 |
| S10 | 430 | S9 and ((check adj sum\$1) or checksum\$1 or (digital adj signature) or (cyclic adj redundancy adj check) or CRC or MD5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/15 14:02 |
| S11 | 269 | S10 and (dictionar\$3 or database\$1 or (data adj base\$1)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/15 14:03 |

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|-----|-------|--|--|----|-----|------------------|
| S12 | 49882 | ((check adj sum\$1) or checksum\$1) or (digital adj signature) or (cyclic adj redundancy adj check) or CRC or MD5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/16 14:21 |
| S13 | 3917 | S12 and (unwanted or unsolicit\$3 or junk or spam\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/16 14:24 |
| S14 | 453 | S13 and ((electronic near (mail\$3 or messag\$3)) or email\$3 or (e adj mail\$3)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/16 14:23 |
| S15 | 55696 | (detect\$3 or eliminat\$3 or remov\$3) same (unwanted or unsolicit\$3 or junk or spam\$4) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/16 14:24 |
| S16 | 92 | S14 and ((detect\$3 or eliminat\$3 or remov\$3) same (unwanted or unsolicit\$3 or junk or spam\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/16 14:27 |
| S17 | 125 | S14 and ((detect\$3 or eliminat\$3 or remov\$3 or identify\$3) same (unwanted or unsolicit\$3 or junk or spam\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/16 14:27 |
| S18 | 226 | S14 and ((detect\$3 or eliminat\$3 or remov\$3 or identify\$3 or process\$3) same (unwanted or unsolicit\$3 or junk or spam\$4)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/16 14:36 |
| S19 | 23 | ("5057935" "5093918" "5109519" "5113393" "5125075" "5283856" "5377354" "5555346" "5619648" "5627764" "5632018" "5634005" "5724567" "5765033" "5765178" "5802253").PN. OR ("6453327").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 14:29 |
| S20 | 1 | S19 and ((check adj sum\$1) or checksum\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 14:34 |
| S21 | 200 | S18 and (forward\$3 or header\$1 or ((end adj of adj line) or eol)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 14:38 |
| S22 | 4 | S18 and ((remov\$3 or filter\$3) near (forward\$3 or header\$1 or ((end adj of adj line) or eol))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 14:43 |

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|-----|-------|--|---|----|-----|------------------|
| S23 | 243 | S14 and ((detect\$3 or eliminat\$3 or remov\$3 or identify\$3 or process\$3) same (unwanted or unsolicit\$3 or junk or spam\$4 or bulk)) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/16 14:37 |
| S24 | 217 | S23 and (forward\$3 or header\$1 or ((end adj of adj line) or eol)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 14:38 |
| S25 | 4 | S24 and ((remov\$3 or filter\$3) near (forward\$3 or header\$1 or ((end adj of adj line) or eol))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 14:43 |
| S26 | 4 | S18 and (remov\$3 or filter\$3) near (header\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 14:55 |
| S27 | 4 | S18 and (remov\$3 or filter\$3 or eliminat\$3 or edit\$3) near (header\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 14:57 |
| S28 | 1 | S18 and (remov\$3 or filter\$3 or eliminat\$3 or edit\$3) near (header\$1 and forward\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 15:02 |
| S29 | 74 | (remov\$3 or eliminat\$3) near spam | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 15:22 |
| S30 | 2550 | (remov\$3 or eliminat\$3) near header\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 15:22 |
| S31 | 99 | ((remov\$3 or eliminat\$3) near header\$1) and (email\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/16 15:22 |
| S32 | 49970 | ((((check adj sum\$1) or checksum\$1) or (digital adj signature) or (cyclic adj redundancy adj check) or CRC or MD5) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 08:55 |
| S33 | 1865 | S32 and ((electronic adj (mail\$1 or messag\$3)) or email\$3) | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:07 |
| S34 | 1764 | S33 and (@AD<="20020214") | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 08:56 |
| S35 | 77923 | ((((check adj sum\$1) or checksum\$1) or (digital adj signature) or (cyclic adj redundancy adj check) or CRC or MD5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:06 |

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|-----|------|--|---|----|-----|------------------|
| S36 | 1865 | S32 and ((electronic adj (mail\$1 or messag\$3)) or email\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:00 |
| S37 | 1764 | S33 and (@AD<="20020214") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 08:57 |
| S38 | 409 | S37 and (unsolicit\$3 or unwanted\$3 or junk or spam\$4 or bulk) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:05 |
| S39 | 23 | ("5057935" "5093918" "5109519" "5113393" "5125075" "5283856" "5377354" "5555346" "5619648" "5627764" "5632018" "5634005" "5724567" "5765033" "5765178" "5802253").PN. OR ("6453327").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/18 09:00 |
| S40 | 22 | S39 and ((electronic adj (mail\$1 or messag\$3)) or email\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:00 |
| S41 | 0 | S40 and ((edit\$3 or remov\$3 or pars\$3 or clean\$3) near (head\$4 or "To" or "From")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:02 |
| S42 | 1 | S40 and ((edit\$3 or remov\$3 or pars\$3 or clean\$3) near5 (head\$4 or "To" or "From")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:02 |
| S43 | 3929 | 709/206 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:05 |
| S44 | 2457 | (709/206).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:05 |

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|-----|------|---|---|----|-----|------------------|
| S45 | 205 | S44 and (((check adj sum\$1) or checksum\$1) or (digital adj signature) or (cyclic adj redundancy adj check) or CRC or MD5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:06 |
| S46 | 61 | S33 and S45 | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 09:07 |
| S47 | 1033 | (709/206).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 14:18 |
| S48 | 43 | S47 and ((remov\$3 or eliminat\$3 or rid\$4 or kill\$3 or edit\$3 or cut\$4) same (spam or unsolict\$3 or unwanted\$3 or junk or bulk)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 14:37 |
| S49 | 86 | (715/752).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 14:22 |
| S50 | 1107 | S47 or S49 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 14:22 |
| S51 | 47 | S50 and ((remov\$3 or eliminat\$3 or rid\$4 or kill\$3 or edit\$3 or cut\$4) same (spam or unsolict\$3 or unwanted\$3 or junk or bulk)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:05 |
| S52 | 97 | ("6321267" "5999932" "6167435" "6401239" "6574658" "6697462" "6161130" "6052709" "5999600" "6546416" "6167434" "6393465" "6421709" "6769016" "6842628" "6219818" "6219818" "5898836" "5978837" "6192114" "6691156" "6772196" "6260148" "6493007" "6035104" "6779021" "6356935" "6185599" "6708205" "6324569" "6487586" "6701347" "6757713" "6643686" "5905777" "6249805" "6591291" "6073167" "4962532" "6725429" "6266692" "6732154" "6370139" "5984178" "6279826" "6484197" "6317592" "6023723" "6199102" "6157630").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 14:37 |

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|-----|------|--|---|----|-----|------------------|
| S53 | 61 | S52 and ((spam or unsolict\$3 or unwanted\$3 or junk or bulk)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:19 |
| S54 | 2 | ("6167434").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 14:42 |
| S55 | 2 | ("6023723").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:07 |
| S56 | 2 | ("6161130").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:18 |
| S57 | 563 | (709/207).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:18 |
| S58 | 1502 | S47 or S49 or S57 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:18 |
| S59 | 258 | S58 and ((spam or unsolict\$3 or unwanted\$3 or junk or bulk)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:25 |
| S60 | 209 | S59 and ((electronic adj (mail\$3 or messag\$3)) or email\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:20 |
| S61 | 157 | S60 and (database\$1 or (data adj base\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:20 |
| S62 | 28 | S61 and (checksum\$1 or (check adj sum\$1) or md5 or crc) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:23 |

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|-----|-----|---|---|----|-----|------------------|
| S63 | 66 | S61 and (checksum\$1 or (check adj sum\$1) or md5 or crc or signature\$1 or token\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:21 |
| S64 | 1 | S61 and ((checksum\$1 or (check adj sum\$1) or md5 or crc) near (database\$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:23 |
| S65 | 209 | S59 and S60 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:25 |
| S66 | 156 | S65 and @ad<="20020214" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S67 | 3 | S66 and (remov\$3 near header\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:28 |
| S68 | 12 | S66 and (remov\$3 near5 header\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:35 |
| S69 | 6 | S66 and backward\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/18 15:35 |
| S70 | 2 | ("6023723").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 07:51 |
| S71 | 2 | ("6732157").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:02 |
| S72 | 2 | (paragraph adj hash\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:03 |

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|-----|------|---|---|----|-----|------------------|
| S73 | 2 | ("6477551").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:03 |
| S74 | 1033 | (709/206).CCLS. | USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S75 | 86 | (715/752).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S76 | 563 | (709/207).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S77 | 1502 | S74 or S75 or S76 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S78 | 258 | S77 and ((spam or unsolict\$3 or unwant\$3 or junk or bulk)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S79 | 209 | S78 and ((electronic adj (mail\$3 or messag\$3)) or email\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S80 | 209 | S78 and S79 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S81 | 156 | S80 and @ad<="20020214" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:16 |
| S82 | 19 | S81 and (checsum\$1 or md2 or md4 or md5 or crc or (cyclic adj redundancy)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:26 |

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|-----|----|--|---|----|-----|------------------|
| S83 | 19 | S81 and (checcsum\$1 or md2 or md4 or md5 or sha or crc or (cyclic adj redundancy)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:26 |
| S84 | 22 | S81 and (checcsum\$1 or md2 or md4 or md5 or sha or crc or (cyclic adj redundancy) or hash\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 08:54 |
| S85 | 1 | ("6842773").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 09:03 |
| S86 | 2 | ("6453327").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/19 09:03 |